

Kindly amend the claims in accordance with the indicated allowable subject matter in the 10/1/01 Office Action as follows:

Rewrite the content of claims 1,4 and 5, as claim 18 to reflect the fact that the specified intersection is to be between a computer mouse and mouse pad and that the specified frictional force is to be a drag type force component resulting from added weight.

Direct amendment of claim 1 does not appear possible.

A clean copy of claim 18 is as follows,

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1 18. In a manually guided pointing operation in a display interface between a user and  
2 a computer,  
3 the improvement for position control comprising in combination:  
4 a structural intersection between a curved member on a manually moveable  
5 computer mouse and a mouse pad stationary surface,  
6 said curved member having a peripheral surface in tangential contact with said  
7 stationary surface,  
8 said curved member further having associated signal generating circuitry operable  
9 to move a cursor in said display in response to relative motion of said curved  
10 member with respect to said stationary surface at said intersection, and,  
11 providing a drag type frictional force component in the plane of said tangential  
12 contact in said intersection resulting from the addition of a 20 - 50 %  
13 increase in weight of said computer mouse.

Claim 6 line 1 change 5 to 18.

Amend claim 9 to adjust dependency and to include the drag type frictional force terminology as follows.

Claim 9 line 1 change "4" to -18-, and, erase "addition of a" and in lieu thereof

insert - drag type-.

A clean copy of amended claim 9 is as follows:

*Sub E4*  
9. The position control improvement of claim 18 wherein said drag type frictional force component is the result of the addition of a combination of a magnetic member positioned on the surface of said computer mouse that is adjacent to said computer mouse pad and a ferromagnetic sheet positioned in said mouse pad.

Amend claim 10 to adjust dependency and to include the drag type frictional force terminology as follows.

Claim 10 line 1 change "4" to -18-, and, erase "addition of a" and in lieu thereof

insert - drag type-.

A clean copy of amended claim 10 is as follows:

10. The improvement of claim 18 wherein said drag type frictional force component is the result of the addition of an increase in coefficient of friction of protrusions on the surface of said computer mouse that are adjacent to said computer mouse pad at the surface of said computer mouse pad.

4 a sphere member in said mouse rotatably contacting said mouse pad,  
5 said sphere member having associated signal generating circuitry operable  
6 to move a cursor in said display in response to mouse movement measured  
7 by rotation of said sphere member with respect to said mouse pad, and,  
8 a frictional force component addition in the plane of said mouse pad opposing said  
9 mouse movement, wherein, said frictional force component addition further  
10 is a result of at least one addition taken from the group of,  
11 the addition of incremental weights totaling about 20 - 50 % of the weight  
12 of said mouse,  
13 the addition of a combination of a magnetic member positioned on the  
14 surface of said mouse that is adjacent to said mouse pad,  
15 the addition of a ferromagnetic sheet positioned in said mouse  
16 pad, and,  
17 the addition of an increase in coefficient of friction between protrusions  
18 on the surface of said mouse that are adjacent to said mouse pad.

Amend claim 14 to adjust dependency and to include the metal particles in the housing  
as the weight addition; follows.

Claim 14 line 1 change "12" to -19- .

line 3 after "increase" insert - of said mouse in turn - .

line 4 at " mouse.." erase- the last one of the two periods - .

A clean copy of amended claim 14 is as follows:

1 14. The improvement of claim 19 wherein said frictional force component is the  
2 result of the addition of an about 20 - 50 % in weight increase of said mouse and  
3 said weight increase of said mouse in turn is produced by about 20 - 50 grams of  
4 metal particles in the housing of said mouse.

Amend claim 15 to adjust dependency as follows.

Claim 15 line 1 change "12" to -14- .

A clean copy of amended claim 15 is as follows.

1 15. The improvement of claim 14 wherein said frictional force component is the  
2 result of the addition of about 20 - 50 % in the weight of said mouse, and said  
3 weight increase is produced by affixing to the top of the housing of said mouse an  
4 element comprising one or more cloth or plastic covered metal discs totaling about  
5 20 - 50 grams in weight.

Amend claim 16 to adjust dependency as follows.

Claim 16 line 1 change "12" to -14- .

A clean copy of amended claim 16 is as follows.

1 16. The improvement of claim 14 wherein said frictional force component is the  
2 result of the addition of a combination of a magnetic member positioned on the  
3 surface of said mouse that is adjacent to said mouse pad and a ferromagnetic sheet  
4 positioned in said mouse pad.